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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/692,639

10/24/2003

Eric Rudolph

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11/17/2006

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EXAMINER

ALI, MOHAMMAD

ART UNIT

PAPER NUMBER

2166

DATE MAILED: 11/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/692,639

Applicant(s)

RUDOLPH ET AL.

Examiner

Mohammad Ali

Art Unit

2166

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) 8-18 and 24-32 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 19-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>8/04, 5/05</u> . | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

1. Applicant's election without traverse of Group I (including claims 1-7 and 19-23) in the reply filed on 8/29/06 is acknowledged.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-7 and 19-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Russel Wilbur Pogue, Jr. ('Pogue, Jr.' Hereinafter), USP, 5,995,512.

With respect to claim 1,

Pogue, Jr. teaches a method for providing a topology interface for a multimedia processing system, the method comprising (see col. 6, lines 60-65, Fig. 9, Pogue, Jr.):

receiving a plurality of media parameters identifying at least an identifier, a node type, a data type and a duration (see col. 9, lines 64 to col. 10, lines 10, Pogue, Jr.); and

in response, creating a topology capable of being passed to a media processor as an extensible symbolic representation of an intended media flow (see col. 10, lines 15-25, Fig. 1, Pogue, Jr.).

As to claim 2,

Pogue, Jr. teaches wherein the media parameters include one or more of a GetCacherObject, a GetNodeType, a GetTopoNodeID, a SetProjectStartStop, a GetProjectStartStop, a GetInputCount, a GetOutputCount, a ConnectOut, a GetInput, a

GetOutput, a SetOutputPrefType, a GetOutputPrefType, a SetMajorType, a GetMajorType, a CloneFrom, a SetInputCount, a SetOutputCount, a SetStreamDiscardable, a GetStreamDiscardable, a SetOptionalFlag, and a GetOptionalFlag (see col. 25, lines 55-65, Fig. 6, Pogue, Jr.).

As to claim 3,

Pogue, Jr. teaches wherein the media parameters include a SetSourceAndDescriptor method that enables a topology loader to create a media stream based on a descriptor (see col. 7, lines 50-55, Fig. 1, Pogue, Jr.).

As to claim 4,

Pogue, Jr. teaches wherein the node type is a segment topology node type such that any modifications made to the topology to add, remove or connect nodes does not alter input and output nodes (see col. 16, lines 52-65, Pogue, Jr.).

As to claim 5,

Pogue, Jr. teaches wherein the unique identifier enables sharing and reusing the nodes in a plurality of topologies (see col. 10, lines 15-25, Fig. 1, Pogue, Jr.).

As to claim 6,

Pogue, Jr. teaches wherein the segment topology node type is created via an IMFSegmentTopologyNode: IUnknown interface (see col. 10, lines 15-25, Fig. 1, Pogue, Jr.).

As to claim 7,

Pogue, Jr. teaches wherein the segment topology node type is created via an IMFSegmentTopologyNode: IUnknown interface including one or more of

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GetSegmentTopology(IMFTopolgy\* pTopology), SegmentTopology(IMFTopolgy- \*\*  
ppTopology), SetDirty(BOOL bDirty), BOOL IsDirty( ), BOOL  
GetActualOutputNode(long lOutputIndex, IMFTopolgyNode\*\* ppActualNode, long\*  
pINodeOutputIndex), and BOOL GetActualInputNode(long lInputIndex,  
IMFTopolgyNode\*\* ppActualNode, long\* pINodeInputIndex) (see col. 7, lines 50-55,  
Fig. 1, Pogue, Jr.).

Claims 19-23 have the same subject matter as of claims 1-7 segment of topology  
node and Pogue, Jr. teaches at col. 7, lines 50-55, Fig. 1 and essentially rejected for the  
same reasons as discussed above.

### ***Conclusion***

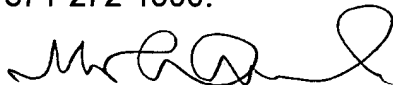
4. Rotocil et teaches including claims limitation "symbolic representation,...." at para.  
0058, 0078.

***Contact Information***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad Ali whose telephone number is (571) 272-4105. The examiner can normally be reached on Monday-Thursday (7:30 am-6:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Mohammad Ali  
Primary Examiner  
Art Unit 2166

MA  
November 10, 2006